IN THE CLAIMS:

Please amend claim 1 under the provisions of 37 CFR 1.116 as follows. The following listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1 (Currently Amended). A bridge that is configured to facilitate communications between a first network of Non-IP-compatible entities and a second network of IP-compatible entities, comprising:

5   a Non-IP to IP interface to facilitate communications between an application entity on the first network and a Web server on the second network comprising:

an IP Web client that is operably coupled to the second network to selectively translate a first set of communications

10   between the Web server and the first network, and to pass a second set of communications between the Web server and the first network without translation;

\ a Non-IP Web proxy that is operably coupled to the IP Web client and the first network, and is configured to make the IP

15   Web client compliant with middleware that is associated with the Non-IP network;

a Non-IP Web proxy client that is operably coupled to the

3

Non-IP Web proxy and the first network, and is configured to

allow the application entity to access the Web server; and

20   an IP to Non-IP interface to facilitate communications

between a Web browser on the second network and a Non-IP device

entity on the first network, comprising:

a Non-IP Web server that is operably coupled to the second

network, to selectively translate a first set of communications

25 between the Web browser and the first network, and to pass a

second set of communications between the Web browser and the

first network without translation;

a Web service executor that is operably coupled to the Non-

IP web server and to the first network, and is configured to

30 [[proved]] provide access to the Non-IP device entity;

a Web page generator that is operably coupled to the Non-IP

Web Server and to the first network, and is configured to

generate web pages for presentation to the Web browser; and

a translation manager that is operably coupled to the Non-IP

35 Web server, the Web service executor, and the Web page generator,

and is configured to provided service-to-user-interface and

message-to-methods translation services.

Claims 2-3 (Cancelled).

4

Claim 4 (Previously Presented).   The bridge as claimed in

claim 1, wherein

the Non-IP Web proxy is configured to facilitate

communications between the Web server and a Non-IP service.

Claims 5-7 (Cancelled).

Claim 8 (Previously Presented).   A Non-IP network comprising

at least one Non-IP-compatible device; and

a bridge that includes:

a Non-IP to IP interface to facilitate communications

5   between an application entity on the Non-IP network and a Web

server on an IP network comprising:

an IP Web client that is operably coupled to the IP network,

to selectively translate a first set of communications between

the Web server and the Non-IP network, and to pass a second set

10   of communications between the Web server and the non-IP network

without translation;

a Non-IP Web proxy that is operably coupled to the IP Web

client and the Non-IP network, and is configured to make the IP

Web client compliant with middleware that is associated with the

15   Non-IP network;

a Non-IP Web proxy client that is operably coupled to the

Non-IP Web proxy and the Non-IP network, and is configured to

5

allow the application entity to access the Web server; and

an IP to Non-IP interface to facilitate communications

20 between a Web browser on the IP network and the at least one Non-IP-compatible device on the Non-IP network comprising:

a translation manager suitable to provide service-to-user interface and message-to-methods translation services.

Claims 9-10 (Cancelled).

Claim 11 (Previously Presented). The Non-IP network as claimed in claim 8, wherein the IP to Non-IP interface further includes:

a Non-IP Web server that is operably coupled to the IP

5 network, and is configured to appear as an Internet server to the Web browser;

a Web service executor that is operably coupled to the Non-IP Web server and to the Non-IP network, and is configured to provide access to the at least one Non-IP-compatible device; and

10 a Web page generator that is operably coupled to the Non-IP Web server and to the Non-IP network, and is configured to generate web pages for presentation to the Web browser;

wherein the translation manager is operably coupled to the Non-IP Web server, to the Web service executor, and to the Web

15 page generator.

6

Claim 12 (Original). The Non-IP network as claimed in claim

11, wherein

the Non-IP Web server is configured to selectively translate

a first set of communications between the Web browser and the

5 Non-IP network, and to pass a second set of communications

between the Web browser and the Non-IP network without

translation.

Claim 13 (Previously Presented). A method of enabling

interactions between a Non-IP network and an IP network,

comprising:

establishing an IP connection between a browser on the IP

5 network and a server at a bridge element,

communicating a web page corresponding to the server to the

browser,

receiving a user input from the browser to the server, based

on the web page,

10   processing the user input to produce one or more commands

related to an object on the Non-IP network, and

communicating the one or more commands to the object,

wherein a first set of communications are selectively translated

via a translation manager operatively connected to the Non-IP Web

15 network and suitable to provide service-to-user-interface and

7

message-to-methods translation services, and passed between the

browser and the Non-IP network, and a second set of

communications are passed between the browser and the Non-IP

network without translation.

Claim 14 (Original). The method of claim 13, further

including:

determining a status corresponding to the object on the Non-

IP network,

5   creating a web page corresponding to a status of the object,

and

communicating the web page from the server to the browser.

Claim 15 (Original). The method of claim 13, further

including:

receiving an access request from a Non-IP-compatible

application,

5   communicating the access request to a Web server on the IP

network,

receiving a web page corresponding to the Web server, and

communicating messages corresponding to the web page to the

Non-IP-compatible application.

8